



Colorado Golf Clubhouse, Parker, Colorado

The Colorado Golf Clubhouse project consists of 240 pieces of 48-inch wide, 10-inch thick hollow-core slabs. Hollow-core was selected as it provides longer and open spans, carries heavy loads from the structure above, and provides shallow and uniform floor thickness. Spans up to 40'-0" were achieved in this project over the cart barn storage.

Complex, inconsistent or repetitive bearing geometries are easily designed using Hollow-core as demonstrated in the roof and floor plans for this project. Long line casting promoted consistent slab properties. The slabs are saw cut to length to include angles, notches, and narrow pieces. The pre-manufactured slabs allow the contractor immediate access to the finished covered section of the project in order to maintain project schedule. Rapid production and delivery allow setting in freezing weather conditions, which was a considerable advantage over post-tensioned slabs.

Project Facts:

Market Segment:	Public
Building Type:	Clubhouse
Products Used:	Hollow-core



Project Design Team:

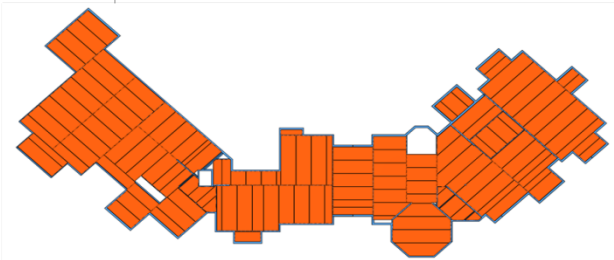
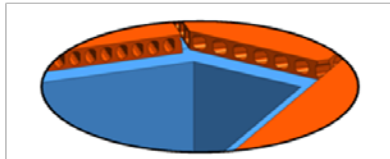
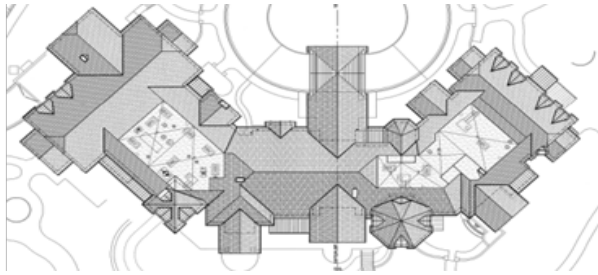
Owner:	Colorado Golf Club, LLC, Parker, CO
Architect:	Marsh and Associates, Inc., Englewood, CO



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Complex, inconsistent or repetitive bearing geometries are easily designed using hollow-core as demonstrated in the roof and floor plans. Long line casting promotes consistent slab properties. Slabs are saw cut to length including angles, notches, and narrow pieces. The casting process is entirely automated, enhancing the uniformity and quality of the



Large open spaces are created when using hollow-core. Spans of up to 40'-0" were achieved on this project over the cart barn storage. Pre-manufactured slabs enabled the contractor to have immediate access to the covered portion without the obstacle of shoring, common with other methods of construction.



Framing was performed immediately after the topping slab was poured and cured. Line loads of the structure above were coordinated and camber monitored to ensure that the structural slab was performing as designed.

